

TECHNICAL DATA

OFFSET PRINTING

Offset presses	Size	Colours	Comments
HEIDELBERG GTO	36 x 52 cm	1 colour	
HEIDELBERG SPEEDMASTER SM 52	37 x 52 cm	4 colours	Image Control
HEIDELBERG SPEEDMASTER 102 ZP-SM 102-2-P	72 x 102 cm	2 colours	CP2 000 with Ink Control. +Perfector 1/1
HEIDELBERG SPEEDMASTER 102 CD	72 x 102 cm	5 colours	IR drier, CPC42 auto register, Image Control
HEIDELBERG SPEEDMASTER 102 CD, CD 102-5 + L	72 x 102 cm	5 colours +varnishing body	CP 2000, Image Control
MITSUBISHI 5F	94 x 130 cm	4 colours	IR Drier
KBA 162 RAPIDA FORMAT VII b	120 x 162 cm	4 colours	+Perfector 2/2 IR Drier, Turning (110 x 160)
KBA 162 RAPIDA FORMAT VII b	120 x 162 cm	4 colours	IR drier
Web presses	Size	Colours	Comments
Web POLYGRAPH	Development: 44 cm max paper reel: 64 cm	1/1 2/2	32 pages 16 pages

DIGITAL PRINTING

- RICOH PRO C7110X. 5 colour digital press, max. size 33 x 70 cm
- HP INDIGO PRESS 3050. 4 colour digital press, max. size 32 x 47.5 cm
- XEROX DOCUCOLOR 550. 4 colour digital press, max. size 33 x 48.8 cm
- CANON VARIOPRINT 6250. B&W digital press, max. size 32 x 48,8 cm
- EPSON STYLUS PRO 4800, max. size 43 cm
- EPSON STYLUS PRO 7800, max. size 61 cm
- HP DESIGNJET Z6200, max. size 106 cm



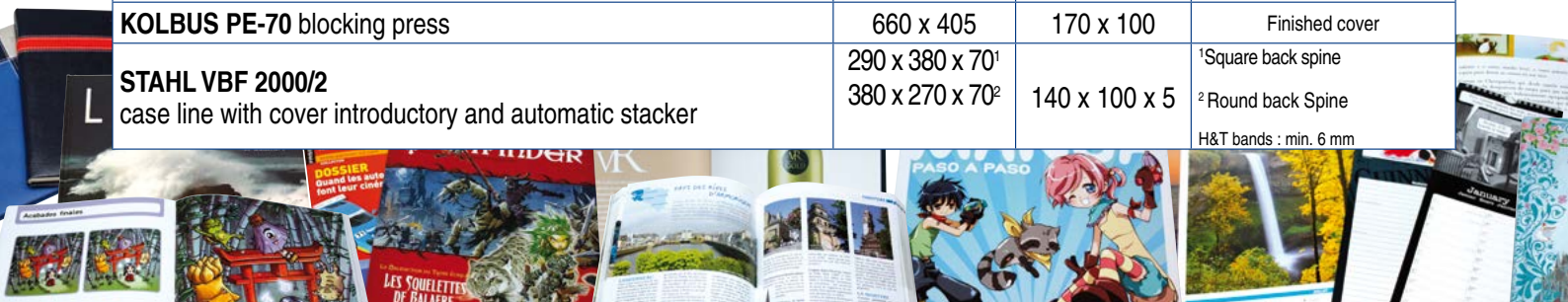
PRE-PRESS

- **CREO Prinergy 4.0** workflow, equipped with a Kodak Matchprint colour testing system leading to an **EPSON** printer with a maximum printing width of 43 cm.
- CTP **KODAK MAGNUS VLF QUANTUM 6383 V**, 160 x 211 cm format, with automatic plate charger, punching and processing line.
- **PRINTLINK** system, direct connection from CTP to presses through **CIP3** data.
- **KODAK MAGNUS 800 QUANTUM** computer to plate (CTP) system, 95 x 116 cm format, with automatic plate charger, punching and processing line.
- **HEIDELBERG Prinect Printready** workflow with **CIP4 PDF** software, colour management system, stochastic or conventional plot possibility and equipped with **REMOTE ACCESS** for customers access. A colour proofs system is also available through **HEIDELBERG's COLOUR MANAGEMENT** software, leading to an Epson printer, with a maximum printing width of 61 cm.
- Direct system to film. **PRIMESETTER 102** film maker, for 77 x 107 cm format equipped with frontal puncher and 3 entry tapes with online **ECHO GRAPHIC EGP 1141** processor for film and polyester.
- 2 **THEIMER MONTAKOP** plate insulators.
- **FUJI IMAF 150** plate processor.
- **HEIDELBERG Tango** scanner.
- **GLUNZ&JENSEN INTERPLATER 135 HD**, equipped with conveyor and stacker.
- **IMAGE CONTROL**: Colour quality control that measures spectrophotographically the image of each printing section, comparing it with the reference one and correcting diversions during the print run.



BINDING

Trimming	Sizes	Comments	
POLAR 66 flat trimmer	67 x 67 cm		
POLAR 78 flat trimmer	78 x 78 cm		
POLAR 115 flat trimmer	115 x 115 cm		
POLAR automatic trimming line for POLAR 115 flat trimmer	115 x 115 cm	Elevator, vibrator and transomat pushing device	
POLAR automatic trimming line for POLAR 176 flat trimmer	176 x 200 cm	Elevator, vibrator, transport system with grippers and transomat pushing device	
Plegado	Formato	Comments	
Folder STAHL T32 (bags)	35 x 51 cm	2 units	
Folder STAHL T52 (bags)	54 x 74 cm		
Folder STAHL TH82 (folding blades and bags)	82 x 120 cm	Fully automatic	
Folder STAHL KT78 (folding blades and bags)	78 x 116 cm	3 units	
Folder STAHL KT92 (folding blades and bags)	94 x 132 cm		
Folder MBO KT105 (folding blades and bags)	102 x 145 cm		
Folder STAHL TD 142 (bags)	142 x 165 cm	Double production folder	
Complementary machines	Max. (mm)		
Lamination machine TAULER PRINTLAM-B2	520 x 750		
HEIDELBERG machine for die-cutting and perforating	560 x 820		
Trimming-gathering-Sewing	Max. (mm)	Min. (mm)	Comments
KOLBUS KB 400 endpapers gluing machine	300 x 470	100 x 155	
MÜLLER-MARTINI 3210 sewing machine	310 x 375	100 x 140	
MULTIPLEX gathering-sewing system with 19 gathering stations and 2 ASTER 220 sewing machines	320 x 420	100 x 150	
Saddle-Stiching	Max. (mm)	Min. (mm)	Comments
MÜLLER-MARTINI BRAVO S saddle stitching line	320 x 480	108 x 153	Normal and Omega staples
Paperback binding	Max. (mm)	Min. (mm)	Comments
• 1 st limp binding line MÜLLER-MARTINI composed by:	Cover-in sewn books. Cover-in perfect bound books. Binding book blocks for HB		
RALISSA gather machine with 21 stations and stacking unit	310 x 450 x 60	100 x 140	
STARBINDER with 21 grips	305 x 420 x 60 ¹	100 x 140 x 2	¹ Depending on width and thickness. Max. thickness: 40 mm
ZENITH three-knife trimmer			
• 2 nd limp binding line, KOLBUS composed by:	Cover-in sewn books. Cover-in perfect bound books. Binding book blocks for HB		
Gather machine with 18 stations and stacking unit	105 x 105 x 60	310 x 420	
RATIOBINDER with 27 grips	300 x 388 x 60	100 x 125 x 3	
HD151P three-knife trimmer			
Front edge cutting unit CERMI XCR-650 for flap books			
NORDSON LA 404 system with EP48 CP applicator (PUR adhesive) and LOGICOM gluing control			
• 3 rd limp binding line C.P. BOURG BB3102 / PUR-C (NORDSON system) with automatic book blocks loader BOURG (BBL) y and three-knife trimmer CHALLENGE CMT-130	320 x 385 x 60	100 x 100 x 3	
Hardback binding	Max. (mm)	Min. (mm)	Comments
SMITH casing machine	660 x 405	157 x 107	
HORAUF BDF 20 casing machine	680 x 380	190 x 130	Finished cover
KOLBUS PE-70 blocking press	660 x 405	170 x 100	Finished cover
STAHL VBF 2000/2 case line with cover introductory and automatic stacker	290 x 380 x 70 ¹ 380 x 270 x 70 ²	140 x 100 x 5	¹ Square back spine ² Round back Spine H&T bands : min. 6 mm





EXPORT DEPARTMENT
Av. Cervantes, 51 - Ed. 21, 3.^a plta. (DENAC)
48970 BASAURI - Bizkaia
SPAIN
+34 944 409 533
export@grafo.es
www.grafo.es

